## **United States of America**



## FEDERAL COMMUNICATIONS COMMISSION DIGITAL TELEVISION BROADCAST STATION LICENSE AUXILIARY

Authorizing Official:

Official Mailing Address:

CAPITOL BROADCASTING COMPANY, INC.

WRAL-TV

P.O. BOX 12000

RALEIGH NC 27605

Facility Id: 8688

Analog TSID: 1850 Digital TSID: 1851

Call Sign: WRAL-TV

License File Number: BXLCDT-20100903AAD

This license covers permit no.: BXPCDT-20090619ABV

Kevin R. Harding
Associate Chief
Video Division
Media Bureau

Grant Date: February 11, 2011

This license expires 3:00 a.m. local time, December 01, 2012.

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Callsign: WRAL-TV License No.: BXLCDT-20100903AAD

Name of Licensee: CAPITOL BROADCASTING COMPANY, INC.

Station Location: NC-RALEIGH Frequency (MHz): 674 - 680

Channel: 48

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670

of the Commission's Rules.

Antenna type: (directional or non-directional): Directional

Description: ERI, ETU-P3H12-(48-53) Beam Tilt: 0.75 Degrees Electrical

308 312 Major lobe directions

(degrees true):

Antenna Coordinates: North Latitude: 35 deg 40 min 29 sec

> West Longitude: 78 deg 31 min 40 sec

Transmitter output power: 30.1 kW

14.8 DBK

Maximum effective radiated power (Average): 1000 kW

30 DBK

438.3 Meters Height of radiation center above ground:

Height of radiation center above mean sea level: 548 Meters

Height of radiation center above average terrain: 467 Meters

Antenna structure registration number: 1027322

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

For emergency, maintenance and test purposes only.

\*\*\* END OF AUTHORIZATION